

SECTION 09 01 36

TILE REPLACEMENT AND RESTORATION

PART 1 – GENERAL

1.01 SECTION INCLUDES

- A. Removal of existing tile.
- B. Cleaning of tile and grout.
- C. Installation of new tile.

1.02 RELATED SECTIONS

- A. Porcelain stone, ceramic and quarry tiles are specified in Section 09 30 00, Tiling.

1.03 DESCRIPTION

- A. The station or building involved in this work will be in continuous operation during the construction period. This will require that the Contractor plan the Work carefully to work around unavoidable obstacles in the prosecution of the Work. It will require further that the Contractor complete some new construction facilities required in the renovation work before proceeding with the tile restoration and replacement work.
- B. Provide such additional temporary facilities as may be required to facilitate continuous, unobstructed station or building operation during transitional construction work.

1.04 MEASUREMENT AND PAYMENT

- A. General: Tile restoration and replacement will not be measured separately for payment but will be paid for as part of the Contract lump-sum price for Architectural Work.

1.05 REFERENCES

- A. Comply with the Referenced Standards specified in Section 09 30 00, Tiling, as applicable to the tile restoration and replacement work. Include the following additional standard:
 - 1. American National Standards Institute (ANSI):
 - a. ANSI A118.9 Cementitious Tile Backer Board

1.06 SUBMITTALS

- A. Provide submittals in accordance with the requirements of Section 09 30 00, Tiling, as applicable to the tile restoration and replacement work, for the Engineer's view.

1.07 QUALITY ASSURANCE

- A. Tile restoration and replacement work shall conform with the installation instructions and recommendations of the manufacturer of the ceramic and quarry tiles to be provided for this work.
- B. Quality assurance for the tile restoration and replacement work shall conform with the quality assurance requirements of Section 09 30 00, Tiling, as applicable.

1.08 FIELD MOCK-UP

- A. Provide field mock-up where large panels of new tile are involved requiring color and texture selection. Conform with requirements of Section 09 30 00, Tiling, as applicable to this work.

1.09 PRODUCT DELIVERY AND STORAGE

- A. Comply with applicable requirements of Section 09 30 00, Tiling.

1.10 JOB CONDITIONS

- A. Comply with applicable requirements of Section 09 30 00, Tiling.

1.11 MAINTENANCE MATERIALS

- A. Comply with applicable requirements of Section 09 30 00, Tiling.

PART 2 – PRODUCTS

2.01 MATERIALS, EQUIPMENT, AND FACILITIES

- A. Provide all materials, equipment, tools, appurtenances, facilities, and services as required for performing and completing the tile restoration and replacement work as indicated.
- B. Where new materials and accessories are required to complete the tile restoration work as indicated, such new materials and accessories shall conform with the requirements of Section 09 30 00, Tiling, as applicable to the work.
- C. Where removal of existing tile damages existing substrate, replace such damaged substrate with ANSI A118.9 cementitious tile backer board. If damaged substrate is metal lath and cement plaster, conform with applicable requirements of Section 09 24 11, Portland Cement Plaster.

PART 3 – EXECUTION**3.01 EXAMINATION AND PREPARATION**

- A. Carefully remove existing tile, where indicated, with proper tools and methods. Include remove of existing setting beds.
- B. After removal of existing tile, examine existing substrate surfaces and related framing for damage. Damaged or defective substrate surfaces and framing shall be repaired or replaced as required to provide substantial framed substrate surfaces conducive to the installation of new tile and trim shapes and as required to produce superior quality work.
- C. Where the substrate is concrete or concrete block, chip off existing mortar setting bed, and then power wire brush to remove all loose particles and to provide clean, solid backing surface for new tile. Wash clean all substrate surfaces before application of new tile.
- D. Verify that the work of other trades, to be in or behind new tile, is properly installed before proceeding with tile work.
- E. Seal around all openings in floors and walls, at junction of floors and walls, and in corners and joints with sealant before installing new tile.

3.02 INSTALLATION STANDARDS

- A. Comply with requirements specified in Section 09 30 00, Tiling, as applicable to this work.

3.03 INSTALLATION AND GROUTING

- A. Comply with requirements specified in Section 09 30 00, Tiling, as applicable to this work.
- B. Clean existing tile to remain, and point all grouted joints as required to fill all skips and gaps. Wash all tile and grouted joints, and polish tile upon completion.

3.04 TOLERANCES AND QUALITY CONTROL

- A. Comply with the requirements specified in Section 09 30 00, Tiling, for tolerances and field quality control as applicable to this work.

3.05 CLEANING AND PROTECTION

- A. Comply with the requirements specified in Section 09 30 00, Tiling, for cleaning of tile and for protection of completed work as applicable to this work.

END OF SECTION 09 01 36